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PATENT  
Attorney Docket No.: 016301-033110US  
Client Reference No.: 003984  
USA/PDD/LOW K

On

3-2-04

TOWNSEND and TOWNSEND and CREW LLP

By:

*Luca Kaice*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Timothy Weidman

Application No.: 09/692,527

Filed: October 18, 2000

For: CAPPING LAYER FOR EXTREME  
LOW DIELECTRIC CONSTANT FILMS

Examiner: C. Novacek

Art Unit: 2822

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

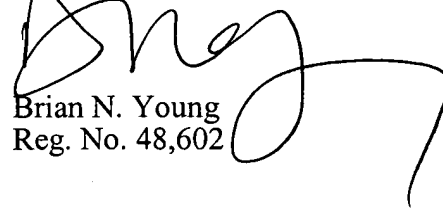
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed along with an RCE (request for continued examination).

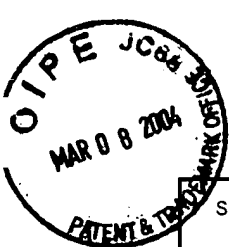
Respectfully submitted,

A handwritten signature in black ink, appearing to read 'B. Young', with a long horizontal flourish extending to the right.

Brian N. Young  
Reg. No. 48,602

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60152744 v1



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

**Complete if Known**

|                        |                  |
|------------------------|------------------|
| Application Number     | 09/692,527       |
| Filing Date            | October 18, 2000 |
| First Named Inventor   | Weidman, Timothy |
| Art Unit               | 2822             |
| Examiner Name          | C. Novacek       |
| Attorney Docket Number | 016301-033110US  |

**U.S. PATENT DOCUMENTS+**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
|                       |                          | Number Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       | AA                       | US-5,914,508                             | June 22, 1999                  | Varmazis et al.                                    |   |
|                       | AB                       | US-5,665,845                             | Sept. 9, 1997                  | Allman   |   |
|                       | AC                       | US-4,532,150                             | Jul. 30, 1985                  | Endo, et al.                                       |   |
|                       | AD                       | US-                                      |                                |  |   |
|                       | AE                       | US-                                      |                                |  |   |
|                       | AF                       | US-                                      |                                |  |   |
|                       | AG                       | US-                                      |                                |  |   |
|                       | AH                       | US-                                      |                                |  |   |
|                       | AI                       | US-                                      |                                |  |   |
|                       | AJ                       | US-                                      |                                |  |   |
|                       | AK                       | US-                                      |                                |  |   |
|                       | AL                       | US-                                      |                                |  |   |
|                       | AM                       | US-                                      |                                |  |   |
|                       | AN                       | US-                                      |                                |  |   |
|                       | AO                       | US-                                      |                                |  |   |
|                       | AP                       | US-                                      |                                |  |   |
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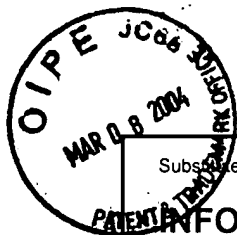
**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup>           |
|-----------------------|--------------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|---|--|--------------------------|
|                       |                          | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |                                |   |  |                          |
|                       | AU                       | EP                        | 917184              | A2                                | 5/19/99                        | Saha, Chandan<br>Kumar                                |  | <input type="checkbox"/> |
|                       | AV                       | WO                        | 99/41423            |                                   | 8/19/99                        | Cheung, David   |  | <input type="checkbox"/> |
|                       | AW                       | EP                        | 851490              | A2                                | 1/7/98                         | Usami, Tatsuya  |  | <input type="checkbox"/> |
|                       | AX                       | EP                        | 725440              | A2                                | 8/7/96                         | Loboda, Mark Jon                                      |  | <input type="checkbox"/> |
|                       | AY                       | EP                        | 771026              | A2                                | 5/2/97                         | Loboda, Mark Jon                                      |  | <input type="checkbox"/> |
|                       | AZ                       | EP                        | 405501              | A2                                | 1/2/91                         | Ono, Tadaaki  |  | <input type="checkbox"/> |
|                       | BA                       |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |
|                       | BB                       |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    | <b>Complete if Known</b> |                        |                 |
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|   |   |    | Examiner Name            | C. Novacek             |                 |
| Sheet   | 2 | of |                          | Attorney Docket Number | 016301-033110US |

| NON PATENT LITERATURE DOCUMENTS |                          |   |  |                |
|---------------------------------|--------------------------|---|--|----------------|
| Examiner<br>Initials *          | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item<br>(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),<br>publisher, city and/or country where published. |  | T <sup>2</sup> |
|                                 | BC                       | M. Matsuura, et al.; A Highly Reliable Self-planarizing Low-k Intermetal Dielectric for Sub-quarter Micron<br>Interconnects, Electron Devices Meeting, 1997, Technical Digest, International; Dec. 1997; IEEE (pp. 97-785 to 97-<br>788)                              |  |                |
|                                 | BD                       |   |  |                |
|                                 | BE                       |   |  |                |
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